



PCT09

## RAW SEQUENCE LISTING

DATE: 03/21/2003

PATENT APPLICATION: US/09/889,617A

TIME: 12:54:59

Input Set : A:\pf0661usn\_seqlist.txt

Output Set : N:\CRF4\03212003\I889617A.raw

```

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
5           HILLMAN, Jennifer L.; TUE, Henry
6           TANG, Y. Tom; AZIMZAI, Yalda
7 <120> TITLE OF INVENTION: CANCER ASSOCIATED PROTEINS
8 <130> FILE REFERENCE: PF-0661 USN
9 <140> CURRENT APPLICATION NUMBER: US 09/889,617A
C--> 13 <141> CURRENT FILING DATE: 2002-12-06
14 <150> PRIOR APPLICATION NUMBER: US 09/01565
15 <151> PRIOR FILING DATE: 2000-01-31
16 <150> PRIOR APPLICATION NUMBER: US 09/236,205
17 <151> PRIOR FILING DATE: 1999-01-21
18 <150> PRIOR APPLICATION NUMBER: US 60/183,027
19 <151> PRIOR FILING DATE: 1999-01-21
20 <160> NUMBER OF SEQ ID NOS: 1
21 <170> SOFTWARE: PERL Program
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 465
24 <212> TYPE: FAT
25 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <221> NAME/KEY: misc_feature
28 <223> OTHER INFORMATION: Incyte ID No: 1518859CD1
29 <400> SEQUENCE: 1
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31      1              5              10              15
32 Phe Leu Thr Pro Ala Val Thr Pro Thr Trp Tyr Ala Gly Ser Gly
33      20              25              30
34 Tyr Tyr Pro Asp Glu Ser Tyr Asn Glu Val Tyr Ala Glu Glu Val
35      35              40              45
36 Pro Gln Ala Pro Ala Leu Asp Tyr Arg Val Pro Arg Trp Cys Tyr
37      50              55              60
38 Thr Leu Asn Ile Gln Asp Gly Glu Ala Thr Cys Tyr Ser Pro Lys
39      65              70              75
40 Gly Gly Asn Tyr His Ser Ser Leu Gly Thr Arg Cys Glu Leu Ser
41      80              85              90
42 Cys Asp Arg Gly Phe Arg Leu Ile Gly Arg Arg Ser Val Gln Cys
43      95              100             105
44 Leu Pro Ser Arg Arg Trp Ser Gly Thr Ala Tyr Cys Arg Gln Met
45      110             115             120
46 Arg Cys His Ala Leu Pro Phe Ile Thr Ser Gly Thr Tyr Thr Cys
47      125             130             135
48 Thr Asn Gly Val Leu Leu Asp Ser Arg Cys Asp Tyr Ser Cys Ser
49      140             145             150

```

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```

58 Ser Gly Tyr His Leu Glu Gly Asp Arg Ser Arg Ile Cys Met Glu
59 155 160 165
60 Asp Gly Arg Trp Ser Gly Gly Glu Pro Val Cys Val Asp Ile Asp
61 170 175 180
62 Pro Pro Lys Ile Arg Cys Pro His Ser Arg Glu Lys Met Ala Glu
63 185 190 195
64 Pro Glu Lys Leu Thr Ala Arg Val Tyr Trp Asp Pro Pro Leu Val
65 200 205 210
66 Lys Asp Ser Ala Asp Gly Thr Ile Thr Arg Val Thr Leu Arg Gly
67 215 220 225
68 Pro Glu Pro Gly Ser His Phe Pro Glu Gly Glu His Val Ile Arg
69 230 235 240
70 Tyr Thr Ala Tyr Asp Arg Ala Tyr Asn Arg Ala Ser Cys Lys Phe
71 245 250 255
72 Ile Val Lys Val Gln Val Arg Arg Cys Pro Thr Leu Lys Pro Pro
73 260 265 270
74 Gln His Gly Tyr Leu Thr Cys Thr Ser Ala Gly Asp Asn Tyr Gly
75 275 280 285
76 Ala Thr Cys Glu Tyr His Cys Asp Gly Gly Tyr Asp Arg Gln Gly
77 290 295 300
78 Thr Pro Ser Arg Val Cys Gln Ser Ser Arg Gln Trp Ser Gly Ser
79 305 310 315
80 Pro Pro Ile Cys Ala Pro Met Lys Ile Asn Val Asn Val Asn Ser
81 320 325 330
82 Ala Ala Gly Leu Leu Asp Gln Phe Tyr Glu Lys Gln Arg Leu Leu
83 335 340 345
84 Ile Ile Ser Ala Pro Asp Pro Ser Asn Arg Tyr Tyr Lys Met Gln
85 350 355 360
86 Ile Ser Met Leu Gln Gln Ser Thr Cys Gly Leu Asp Leu Arg His
87 365 370 375
88 Val Thr Ile Ile Glu Leu Val Gly Gln Pro Pro Gln Glu Val Gly
89 380 385 390
90 Arg Ile Arg Glu Gln Gln Leu Ser Ala Asn Ile Ile Glu Glu Leu
91 395 400 405
92 Arg Gln Phe Gln Arg Leu Thr Arg Ser Tyr Phe Asn Met Val Leu
93 410 415 420
94 Ile Asp Lys Gln Gly Ile Asp Arg Asp Arg Tyr Met Glu Pro Val
95 425 430 435
96 Thr Pro Glu Glu Ile Phe Thr Phe Ile Asp Asp Tyr Leu Leu Ser
97 440 445 450
98 Asn Gln Glu Leu Thr Gln Arg Arg Glu Gln Arg Asp Ile Cys Glu
99 455 460 465

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102 -&gt; SEQ ID No: 1

103 -&gt; LENGTH: 460

104 -&gt; TYPE: PRT

105 -&gt; ORGANISM: Homo sapiens

107 -&gt; FEATURE:

108 -&gt; NAME/KEY: misc\_feature

109 -&gt; OTHER INFORMATION: Incyte IL No: 2616269CD1

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,617A

DATE: 03/21/2003

TIME: 14:54:59

Input Set : A:\pf0661usn\_seqlist.txt

Output Set: N:\CRF4\03212003\I889617A.raw

111 &lt;400&gt; SEQUENCE: 2

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112 1 5 10 15
113 Leu Trp Arg Leu Pro Glu Glu Leu Leu Leu Ile Cys Ser Tyr
114 20 25 30
115 Leu Asp Met Arg Ala Leu Gly Arg Leu Ala Gln Val Cys Arg Trp
116 35 40 45
117 Leu Arg Arg Phe Thr Ser Cys Asp Leu Leu Trp Arg Arg Ile Ala
118 50 55 60
119 Arg Ala Ser Leu Asn Ser Gly Phe Thr Arg Leu Gly Thr Asp Leu
120 65 70 75
121 Met Thr Ser Val Pro Val Lys Glu Arg Val Lys Val Ser Gln Asn
122 80 85 90
123 Trp Arg Leu Gly Arg Cys Arg Glu Gly Ile Leu Leu Lys Trp Arg
124 95 100 105
125 Cys Ser Gln Met Pro Trp Met Gln Leu Glu Asp Asp Ser Leu Tyr
126 110 115 120
127 Ile Ser Gln Ala Asn Phe Ile Leu Ala Tyr Gln Phe Arg Pro Asp
128 125 130 135
129 Gly Ala Ser Leu Asn Arg Arg Pro Leu Gly Val Phe Ala Gly His
130 140 145 150
131 Asp Glu Asp Val Cys His Phe Val Leu Ala Asn Ser His Ile Val
132 155 160 165
133 Ser Ala Gly Gly Asp Gly Lys Ile Gly Ile His Lys Ile His Ser
134 170 175 180
135 Thr Phe Thr Val Lys Tyr Ser Ala His Glu Gln Glu Val Asn Cys
136 185 190 195
137 Val Asp Cys Lys Gly Gly Ile Ile Val Ser Gly Ser Arg Asp Arg
138 200 205 210
139 Thr Ala Lys Val Trp Pro Leu Ala Ser Gly Arg Leu Gly Gln Cys
140 215 220 225
141 Leu His Thr Ile Gln Thr Glu Asp Arg Val Trp Ser Ile Ala Ile
142 230 235 240
143 Ser Pro Leu Leu Ser Ser Phe Val Thr Gly Thr Ala Cys Cys Gly
144 245 250 255
145 His Phe Ser Pro Leu Arg Ile Trp Asp Leu Asn Ser Gly Gln Leu
146 260 265 270
147 Met Thr His Leu Gly Ser Asp Phe Pro Pro Gly Ala Gly Val Leu
148 275 280 285
149 Asp Val Met Tyr Glu Ser Pro Phe Thr Leu Leu Ser Cys Gly Tyr
150 290 295 300
151 Asp Thr Tyr Val Arg Tyr Trp Asp Leu Arg Thr Ser Val Arg Lys
152 305 310 315
153 Cys Val Met Glu Trp Glu Glu Pro His Asp Ser Thr Leu Tyr Cys
154 320 325 330
155 Leu Gln Thr Asp Gly Asn His Leu Leu Ala Thr Gly Ser Ser Tyr
156 335 340 345
157 Tyr Gly Val Val Arg Leu Trp Asp Arg Arg Gln Arg Ala Cys Leu
158 350 355 360

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,617A

DATE: 03/21/2003

TIME: 12:54:39

Input Set : A:\pf0661usn\_seqlist.txt

Output Set : N:\CRF4\03212003\I889617A.raw

160 His Ala Phe Pro Leu Thr Ser Thr Pro Leu Ser Ser Pro Val Tyr  
161 365 370 375  
162 Cys Leu Arg Leu Thr Thr Lys His Leu Tyr Ala Ala Leu Ser Tyr  
163 380 385 390  
164 Asn Leu His Val Leu Asp Phe Gln Asn Pro  
165 395 400  
166 -> SEQ ID NO: 3  
167 -> LENGTH: 146  
168 -> TYPE: PRT  
169 -> ORGANISM: Homo sapiens  
170 -> FEATURE:  
171 -> NAME/KEY: disc\_feature  
172 -> OTHER INFORMATION: Incyte ID No: 3117642CD1  
173 -> SEQUENCE:  
174 Met Gly Phe Leu Asn Arg Leu Ile Tyr Arg Arg Arg Pro Met Ile  
175 1 10 15  
176 Tyr Val Gln Ser Ser Glu Glu Ser Ser Asp Glu Gln Pro Asp Glu  
177 16 21 26 31  
178 Val Glu Ser Pro Thr Gln Ser Gln Asp Ser Thr Pro Ala Glu Glu  
179 36 41 46 51  
180 Arg Glu Asp Glu Gly Ala Ser Ala Ala Gln Gly Gln Glu Pro Glu  
181 56 61 66 71  
182 Ala Asp Ser Gln Gln Leu Val Gln Pro Lys Thr Gly Cys Glu Leu  
183 76 81 86 91  
184 Gly Asp Gly Pro Asp Thr Lys Arg Val Cys Leu Arg Asn Glu Glu  
185 96 101 106 111  
186 Glu Met Lys Leu Pro Ala Glu Gly Pro Glu Pro Glu Ala Asp Ser  
187 116 121 126 131  
188 Glu Glu Gln Val His Pro Lys Thr Gly Cys Glu Arg Gly Asp Gly  
189 136 141 146 151  
190 Pro Asp Val Gln Gln Leu Gly Leu Pro Asn Pro Glu Glu Val Lys  
191 156 161 166 171  
192 Thr Pro Glu Glu Asp Glu Gly Gln Ser Gln Pro  
193 176 181 186 191

194 -> SEQ ID NO: 4  
195 -> LENGTH: 2153  
196 -> TYPE: DNA  
197 -> ORGANISM: Homo sapiens  
198 -> FEATURE:  
199 -> NAME/KEY: disc\_feature  
200 -> OTHER INFORMATION: Incyte ID No: 1516859CB1  
201 -> SEQUENCE:

202 ctgctgagga agggat gagg tectctaatc ccatggttcc ttctccccc tttttctaaa 60  
203 tctctctctt gaggaggaa taactatagc tttagggata atatagcttt aaggaaaactt 120  
204 tgggagatg tgggcttgt aacatctggg catgttaac agaattcccg aggccgggac 130  
205 gggagggag ggaattgtc taggaatgtt aaattagaag gttttttcca attgatgaga 240  
206 gggagggaga gggaggagaa agaggaggag agggaaaaa ggcacaaaaat accataaaaac 300  
207 ggaatccata tttctcttc cctcacttt tagaagttaa ttgatggctg acttctgaaa 360  
208 gtcacttttc ttggcctgg tacttcagga catatacatc ttttcttgtc tccataatcc 420

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/889,617A

DATE: 03/21/2003

TIME: 12:55:00

Input Set : A:\pf0661usn\_seqlist.txt

Output Set: N:\CRF4\03212003\I889617A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Creation date: 10-10-2003  
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Team: OIPEBackFileIndexing  
Dossier: 09889617

Legal Date: 04-10-2003

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1	M903	2

Total number of pages: 2

Remarks:

Order of re-scan issued on .....